

# CC-8T: CAB/CHASSIS, 56,000 GVWR, DIESEL, TRACTOR-TRUCK

## 7/20/2021

1. **EQUIPMENT:** The cab and chassis truck shall be equipped with all standard equipment as specified by the manufacturer for this model, and shall comply with all EPA Emission Standards and all Motor Vehicle Safety Standards as established by the U.S. Department of Transportation regarding the manufacture of motor vehicles.
2. **DESCRIPTION:** The truck shall be a Severe-Duty, conventional cab, tandem axle unit with forward tilting hood suitable for use in On/Off Road Tractor-Truck, as well as other applications.
3. **CAPACITY:**
  - 3.1 56,000 lbs. minimum gross vehicle weight rating (GVWR)
  - 3.2 80,000 lbs. minimum gross combination weight rating (GCWR) as bid with Allison 4500 RDS 6-speed transmission
4. **DIMENSIONS:**
  - 4.1 Wheelbase 185 inches minimum
  - 4.2 Usable CA 96 inches minimum
  - 4.3 AF 60 inches minimum
  - 4.4 BBC 110 inches minimum
  - 4.5 COH 117 inches minimum
  - 4.6 Curb Weight 17,000 lbs. minimum
5. **ENGINE:** Diesel, Cummins X12, Volvo D13, or Mack MP8 only.
  - 5.1 11.9 liter minimum
  - 5.2 450 SAE gross horsepower minimum
  - 5.3 1,650 ft. lbs. torque minimum
  - 5.4 Vocational performance calibration
  - 5.5 No idle engine shutdown
  - 5.6 Air filter heavy-duty dual stage dry-type
  - 5.7 Air flow restriction indicator
  - 5.8 Fresh air intake ducting, Donaldson
  - 5.9 Three position Off/Medium/High compression brake, rear brake light activation
  - 5.10 Heavy-duty oil filter
  - 5.11 Heavy-duty fuel filter/water separator governor
  - 5.12 Magnet in oil pan
6. **COOLING FAN:** Extreme-duty, two speed with drive clutch or variable speed fan only.
7. **RADIATOR:** Aluminum core, heavy-duty, maximum cooling system.
  - 7.1 1,300 square inches minimum
  - 7.2 Premium hoses with heavy-duty clamps
  - 7.3 Filled with extended life coolant, -34 degrees minimum

- 7.4 Fill/surge tank
- 8. **ALTERNATOR:** 200 Amp minimum, heavy-duty.
- 9. **BATTERIES:** Three (3) batteries, 12-Volt, heavy-duty, maintenance free, threaded posts, minimum 950 CCA each, minimum combined 2850 CCA.
- 10. **BATTERY BOX:** One (1) aluminum box, three (3) battery capacity, with plastic lockable cover, mounted on left hand side behind fuel tank, **labeled “NOT A STEP”**.
  - 10.1 Covered negative jump start stud mounted outside of battery box on right hand side of box or on frame near battery box, labeled “NEG” in Black letters on white background – May be installed by manufacturer or an approved OEM up-fitter.
  - 10.2 Covered positive jump start stud mounted outside of battery box on right hand side of box, labeled “POS” in Red letters on white background – May be installed by manufacturer or an approved OEM up-fitter.
- 11. **EXHAUST SYSTEM:** Horizontal mounted exhaust system with vertical tail pipe mounted on cab or frame rail.
  - 11.1 Exhaust system mounted horizontally outside right frame rail under cab with minimum 15 inch ground clearance
  - 11.2 Adequate clearance for PTO on the left or right hand side
  - 11.3 Tail pipe mounted vertically outside right frame rail maximum 4 inches back of cab
  - 11.4 Tail pipe height at top of cab minimum with radius bend away from cab and chassis
- 12. **TRANSMISSION:** 6-speed automatic minimum, Allison Model 4500 RDS only.
  - 12.1 High performance calibration
  - 12.2 Standard (10) bolt SAE PTO opening on left side
  - 12.3 Cooling system upgrade to match Allison warranty coverage
  - 12.4 Transmission cooler with stainless steel braided or reinforced hoses and stainless steel fittings
  - 12.5 Transmission shift control, mounted in dashboard instrument panel or on steering column
  - 12.6 Assembled truck capable of achieving 70 mph fully loaded on level grade and 60 mph fully loaded on 1.1% grade. Vendor to provide an analysis from Allison Manufacturing SCAAN
- 13. **FRONT AXLE:** Severe-duty.
  - 13.1 16,000 lbs. minimum load rating
  - 13.2 Set-back type axle
- 14. **FRONT SUSPENSION:** Severe-duty.
  - 14.1 16,000 lbs. minimum load rating
  - 14.2 Shocks and auxiliary front rubber springs, severe-duty

- 14.3 Suspension system and parabolic tapered leaf designed springs capable of maintaining GVWR and GAWR
15. **REAR TANDEM AXLES:** Extreme-duty housing, 12.7 mm (.50 inch) thick, Meritor MT-40-14X.
- 15.1 40,000 lbs. minimum load rating
  - 15.2 Iron rear carrier
  - 15.3 Single speed type axle
  - 15.4 Gear ratio 4.30 to 1, subject to Allison SCAAN analysis
  - 15.5 Full locking rear differential axles
  - 15.6 Air ride suspension, heavy-duty, (4) bag system, On/Off Road usage
  - 15.7 Suspension system and springs capable of maintaining GVWR and GAWR
  - 15.8 Assembled truck capable of achieving 70 mph fully loaded on level grade and 60 mph fully loaded on 1.1% grade. Vendor to provide an analysis from Allison Manufacturing SCAAN
16. **REAR SUSPENSION:** Tandem axles type suspension, Hendrickson HaulMaxx HMX 400 Walking Equalizing Beam only.
- 16.1 40,000 lbs. maximum load rating
  - 16.2 Single-speed type axles
  - 16.3 Iron rear axle carrier
  - 16.4 Extreme-duty axle housing
  - 16.5 Suspension system and springs capable of maintaining GVWR and GAWR
  - 16.6 Frame rails to be at circumference level of rear tires or no more than 2 inches above tire circumference. Frame rails below tire circumference will not be acceptable.
  - 16.7 Assembled truck capable of achieving 70 mph fully loaded on level grade and 60 mph fully loaded on 1.1% grade. Vendor to provide an analysis from Allison Manufacturing SCAAN.
17. **BRAKES:** Full anti-lock (ABS) air Disc brakes, front and rear wheels, heavy-duty, compatible with 16,000 lb. front axle and 40,000 lb. rear tandem axles, and 22.5 inch wheels, Bendix ADB22X.
- 17.1 Disc brake rotors
  - 17.2 Non-asbestos lining material
  - 17.3 Automatic slack adjuster pins/cotter pins on front and rear wheels
  - 17.4 Brake dust shields
  - 17.5 Spring set air release rear wheel parking brake
  - 17.6 Brake light override flashing hazard light feature
  - 17.7 Standard air disc brake mounting arrangement
  - 17.8 Brake equipment ICC and FMVSS 121 compliant
  - 17.9 Rear axle brake chambers and springs meeting asphalt spreader/paver clearance requirements
  - 17.10 Brake system to provide minimum 15 inches ground clearance and adequate space above frame rails for body installation and clearance for PTO drive shaft on left or right side

18. **AIR COMPRESSOR:** 25.9 cfm minimum capacity, Cummins or equal.
  - 18.1 Low air pressure indicator or alarm dash mounted
  - 18.2 Dash mounted air pressure gauge
19. **AIR DRYER:** Heated automatic type moisture remover, mounted under frame rail BOC.
20. **AIR TANKS:** Drain valves with accessible pull chains on all air tanks.
21. **QUICK DISCONNECTS:** Dual trailer brake connectors, glad hand dust covers – May be installed by manufacturer or approved OEM up-fitter.
22. **WHEELS:** Disc type, steel, tubeless, 10-hole, 11 ¼” bolt circle, 8-22/32” bore, 1-9/32” stud holes, 5 hand holes, hub pilot, heavy-duty.
  - 22.1 (2) Front wheels, 22.5” x 9” x 7/16”, 10,000 lbs. maximum load rating per wheel
  - 22.2 (8) Rear wheels, 22.5” x 8.25” x 7/16”, 7,200 lbs. maximum load rating per wheel
  - 22.3 Nylon separators between dual wheels and drums and wheels
  - 22.4 Powder coated white wheels
23. **TIRES:** Tier 1 brand Goodyear, Bridgestone, Continental, or Michelin tires only.
  - 23.1 (2) Front tires, 315/80R22.5 load range L, regular tread, radial, tubeless, Goodyear G291 or equal
  - 23.2 (8) Rear tires, 12R22.5, load range H, closed shoulder traction lug tread, radial, tubeless, Goodyear G182 or equal
24. **REAR MUD FLAPS:** Two (2) 24 inches wide x 1/2 inch thick, solid black, heavy-duty, solid rubber, length to satisfy Federal Motor Vehicle Safety Standards (FMVSS) – May be installed by manufacturer or approved OEM up-fitter.
25. **FRAME RAILS:** Single channel steel frame side members, **splayed front frame rails.**
  - 25.1 Depth 10 inches minimum
  - 25.2 Width 3-1/2 inches minimum
  - 25.3 Thickness 3/8 inches minimum
  - 25.4 PSI 120,000 minimum
  - 25.5 **RBM 3,700,000 minimum**
  - 25.6 Severe-duty brackets mounting suspension, cross members, engine, transmission, and other major components to frame rails with grade 8 minimum threaded hex frame fasteners or equivalent Huck bolt fasteners
  - 25.7 Frame rails black with corrosion resistant treatment electrostatically applied primer coating and top powder coating or premium urethane paint passing a minimum 240 hour salt spray test
  - 25.8 Frame rails to be at circumference level of rear tires or no more than 2 inches above tire circumference. Frame rails below tire circumference will not be acceptable.

- 25.9 Front bumper, full width, steel, heavy-duty, black
  - 25.10 Fifth wheel, 36 inches diameter, 24 inches minimum air-slide, mounted approximately 6 inches forward of tandem center, approximately 49 inches high from ground to top of fifth wheel
  - 25.11 Two deck plates (cat walks), safety grating type – May be installed by manufacturer or OEM approved up-fitter
    - 25.11.1 One (1) deck plate minimum 18 inches x 34 inches mounted behind headache rack above frame rails
    - 25.11.2 One (1) deck plate minimum 18 inches x 18 inches mounted behind left side fuel tank on side of frame rail
  - 25.12 Headache rack, aluminum, heavy-duty, full-width and cab height riser, bolted to truck frame, **Merritt 363 or equal**. – May be installed by manufacturer or OEM approved up-fitter
    - 25.12.1 Warning light bracket suitable for mounting 44 inch light bar
    - 25.12.2 Two (2) trailer hook-up spot lights, Merritt 31867C-003 or equal
    - 25.12.3 Two (2) Chain trays **mounted on left and right sides**
    - 25.12.4 Two (2) Chain racks **mounted on left and right sides**
    - 25.12.5 Window with jail bars
    - 25.12.6 **Lockable storage compartment, aluminum, 24 inches x 24 inches x 20 inches, mounted between headache rack chain trays, Merritt 230 or equal**
  - 25.13 Coiled chassis electrical cable and 7-way receptacle, Velvac 593084 or equal, connector for trailers with Anti-lock braking system. – May be installed by manufacturer or OEM approved up-fitter
  - 25.14 Coiled dual quick disconnects, trailer air brake connectors, with 4 Way hose hanger for 2 electrical plugs and 2 glad hands – May be installed by manufacturer of OEM approved up-fitter
  - 25.15 Coiled trailer auxiliary power cable with single-pole round pin plugs, Pollack 11-852 or equal, for trailers. Also to include a single-pole round pin receptacle, Pollack 11-851 or equal, with 12 VDC battery master disconnect switch, Pollack 51-904, behind cab – May be installed by manufacturer or OEM approved up-fitter
- 26. FUEL TANKS:** Diesel exhaust fluid (DEF) and fuel tanks.
- 26.1 DEF tank, 6.0 gallons minimum, labeled “DEF ONLY” with red 2 inch letters on white background, mounted on left hand side of frame under cab or behind fuel tank
  - 26.2 Fuel tank, 70 gallons minimum, non-polished aluminum, cylindrical, labeled “DIESEL FUEL ONLY” with red 2 inch letters on white background, mounted on left hand side of frame under cab with stainless steel straps, 15 inch ground clearance minimum
  - 26.3 Stair steps, 4 inches minimum, non-polished aluminum or stainless steel with offset steps, 15 inch ground clearance minimum
  - 26.4 Anti-siphon device on filler neck

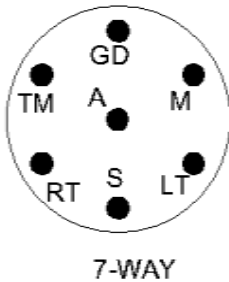
27. **CAB:** Conventional type, constructed of **aluminum with steel reinforcements or galvanized steel.**
- 27.1 Galvanized steel doors, driver and passenger sides
  - 27.2 Steel reinforced rear header, roof supports (A and B Pillars), and door hinges
  - 27.3 Steel engine tunnel
  - 27.4 Flat floor panel
  - 27.5 Windows tinted
  - 27.6 Rear polycarbonate windows, three (3) sections, tinted
28. **CAB SUSPENSION:** Air suspension type, **front and rear mount stabilizing tuned suspension.**
29. **CAB EXTERIOR:**
- 29.1 Exterior entry and egress assist handles, mounted on left and right hand side behind door
  - 29.2 Hood access hatch, driver's side
  - 29.3 Air horn, single, air solenoid operated, mounted under cab deck with in cab pull cord mounted on left hand side of overhead console
  - 29.4 Mirrors, (2) rectangular (approx. 7" x 13"), breakaway, heated, power controlled, convex mirrors, cab mounted on driver and passenger sides
  - 29.5 Mirror, (1) look down, rectangular (approx. 4" x 8") convex, mounted above passenger door
  - 29.6 Back-up alarm, 107 db with ID label – May be installed by manufacturer or approved OEM up-fitter.
  - 29.7 Grill, complete stationary with bug screen and stone guard protection for entire front cooling package – May be installed by manufacturer or approved OEM up-fitter.
30. **CAB INTERIOR:** Must include all interior cab trim with no "Delete" options allowed.
- 30.1 Lower dash closeout panel, molded plastic
  - 30.2 Floor covering, black vinyl
  - 30.3 Headliner, soft padded cloth or vinyl
  - 30.4 Dashboard, wing type
  - 30.5 Instrument panel trim, molded plastic
  - 30.6 Overhead console, molded plastic
  - 30.7 Storage pocket on driver and passenger side doors, molded plastic
  - 30.8 Air horn, single, air solenoid operated, mounted under cab deck with in cab pull cord mounted on left hand side of overhead console
  - 30.9 Interior entry and egress assist handle on left and right hand side "A" pillars
  - 30.10 Cup holders driver and passenger sides
  - 30.11 Sunvisors, soft padded vinyl, driver and passenger side
  - 30.12 Arm rests integral on driver and passenger side door panels
  - 30.13 Coat hooks, (2) each
  - 30.14 Dome light
  - 30.15 Tinted glass, all windows
  - 30.16 Power door locks, driver and passenger side

- 30.17 Power windows, driver and passenger side
- 31. **SEATS:** Seats, (2) driver and passenger, high back, gray vinyl.
  - 31.1 Air suspension
  - 31.2 Integral headrest
  - 31.3 3-chamber air lumbar
  - 31.4 Integral adjustable cushion extensions
  - 31.5 Forward and rear tilt
  - 31.6 Adjustable shock absorbers
  - 31.7 Dual folding armrests
  - 31.8 3-point type seat-belt “Orange” in color
- 32. **INSTRUMENT PANEL:** In dash mounted instrumentation.
  - 32.1 Air filter restriction indicators
  - 32.2 Ammeter/Voltmeter
  - 32.3 Engine hour meter
  - 32.4 Fuel gauge
  - 32.5 High coolant temperature indicator
  - 32.6 Low oil pressure indicator
  - 32.7 Oil pressure gauge
  - 32.8 Outside temperature gauge
  - 32.9 Parking brake valve, Truck
  - 32.10 Parking brake valve, Trailer
  - 32.11 Speedometer (electric)
  - 32.12 Tachometer
  - 32.13 Transmission shift control, mounted in dashboard instrument panel or on steering column
  - 32.14 Transmission temperature gauge
  - 32.15 Visible or auditable signal to warn operator of low oil pressure and/or high coolant temperature
  - 32.16 Water temperature gauge
- 33. **AIR CONDITIONER:** Blend-air, with integral heater and defroster, recirculation switch, fresh air filter.
- 34. **RADIO:** AM/FM stereo radio, Bluetooth, clock, USB port, (4) cone speakers.
- 35. **AUXILIARY POWER OUTLET:** 12-volt, single port outlet, operates with vehicle ignition switch on the “Off” or “On” position, minimum 20 amp circuit, in dash mounted (Standard State Specification). – May be installed by manufacturer or approved OEM up-fitter.
- 36. **STEERING WHEEL:** Power assist, 2-spoke minimum.
  - 36.1 Tilt and telescopic steering column
  - 36.2 Cruise control, preferably integral with turn signal lever or steering wheel

- 36.3 Windshield wipers, single electric motor, cowl mounted, 2-speed switch with wash and intermittent feature, integral with turn signal lever, automatic headlight and tail light activation with wiper switch in “Intermittent” or “On” position
37. **BACKUP CAMERA:** Backup camera system, (3) separate cameras mounted **on rear of headache rack, left and right sides of hood.** – May be installed by manufacturer or approved OEM up-fitter.
- 37.1 Continuous left and right side view monitoring with interruption only when transmission shifted in neutral or reverse gear, rear view monitoring while in neutral or reverse
- 37.2 Monitor mounted inside cab preferably in dashboard or in overhead console
38. **FIRE EXTINGUISHER:** Fire extinguisher, 5 lbs. mounted inside cab under driver’s seat on left hand side of outer seat frame – May be installed by manufacturer or approved OEM up-fitter.
39. **HIGHWAY EMERGENCY KIT:** Warning triangles, (3) per case, flat folding design, with carrying case – May be installed by manufacturer or approved OEM up-fitter.
40. **LIGHTS:**
- 40.1 Daytime running lights
- 40.2 Cab clearance markers, LED, amber, (5) mounted on top of cab
- 40.3 Tail/Turn/Backup combination lights, LED, red/amber/and clear, (2) mounted on rear of chassis
- 40.4 Turn signals, left and right, automatic shut-off, amber inside headlight assembly, amber integral left and right fenders above front wheels, and red left and right rear of chassis
41. **COLOR:** Truck cab, hood and fenders painted standard factory white, sealed with clear coat finish. Frame rails, running gear, and heavy-duty front snow plow bumper painted black. Frame rails black with corrosion resistant treatment electrostatically applied primer coating and top powder coating or premium urethane paint passing a minimum 4,000 hour salt spray test.
42. **RADIO NOISE SUPPRESSION:** The truck is to be used as a governmental fleet vehicle and will have an approximate 150-watt mobile (two-way) radio installed, operating on frequencies designated by the FCC for use in the Public Safety Radio Service (47 CFR 90). The truck shall be fully compatible with the above radio installation, and vehicle components and equipment shall not interfere with operation (transmitting or receiving) of the mobile radio. (Standard State Specification)
43. **TRAILER ELECTRICAL ABS CONNECTOR (STANDARD):** The truck shall be equipped with a 7-way standard receptacle connector for trailers with Anti-lock Braking Systems (ABS). The connector shall be equal to and interchangeable with a Velvac 593084 assembly, and wired utilizing a heavy duty, jacketed, multi-conductor cable. The

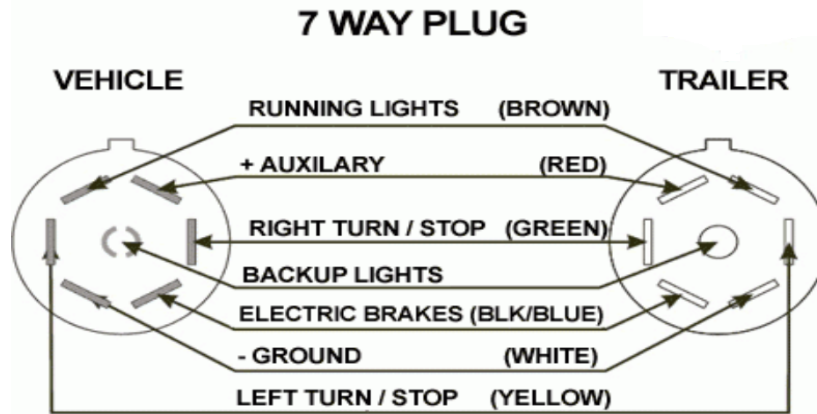


receptacle shall be connected to the truck wiring system in accordance with the following drawing. Pilot model to be approved prior to subsequent installations – May be installed by manufacturer or approved OEM up-fitter.



Letter Code	Trailer Color Code
GD - Ground Return	WHITE
M - Clearance, Side, & Marker Lamps	BLACK
LT - Left Turn and Hazard Signal	YELLOW
S - Stop Lamp and Anti-Lock Device	RED
RT - Right Turn and Hazard Signal	GREEN
TM - Tail, Rear Clearance Markers	BROWN
A - ABS Power and Auxiliary Circuit	BLUE

44. **TRAILER ELECTRICAL CONNECTOR (BLADE TYPE):** In addition to the 7-way standard receptacle, the truck shall be equipped with a 7-way blade type receptacle connector for trailers. The connector shall be equal to and interchangeable with a Velvac 054002 assembly, and wired utilizing a heavy duty, jacketed, multi-conductor cable. The receptacle shall be connected to the truck wiring system in accordance with the following drawing. Pilot model to be approved prior to subsequent installations. – May be installed by manufacturer or approved OEM up-fitter.



45. **TRAILER ELECTRICAL CONNECTOR (SINGLE PIN):** One (1) single pin 12 volt electrical receptacle.
46. **ELECTRIC TRAILER BRAKE CONTROLLER (STANDARD):** A hand-controlled and automatic solid state electronic trailer brake controller actuator with digital readout, Pilot Model 80550 or equal, shall be installed in the truck, and wired through the trailer electrical connector to operate electric brakes on trailers up to 3 axles in a manner proportional to the braking effort exerted and intended by the driver. Where options are approved for dealer installation (fuel filter, trailer electrical connector, pintle hook, non-

skip steps, and trailer brake controller), the inspection of these options may be delayed until after the pilot model truck is delivered to the dealer.

47. **MAINTENANCE:** All replaceable filter elements for air, fuel, hydraulics, and engine oil shall be available from at least one of the following U.S. manufacturers: AC, Wix, Donaldson, or Baldwin. Replacement tires and tubes shall be available from at least one of the following U.S. manufacturers: Goodyear, Firestone or General. Replacement or replenishment lubricants required throughout the unit (engine oil, transmission fluid, hydraulic fluid, gear oil, brake fluid, power steering fluid, and grease) shall be available from at least one of the major manufacturers: Shell, Exxon, Texaco, or Citgo. Details concerning the manufacturer and items name or part number for the above maintenance items shall be provided wherever requested on the bid questionnaire.
48. **PILOT MODEL:** When 3 or more units are ordered by a governmental entity on a single purchase order, the contractor shall:
- 47.1 Make an offer to the ordering entity to produce a pilot model for inspection prior to full production. The pilot process is limited to once per model year for each governmental entity. If the contract spans more than 1 model year, the pilot offer is to be extended once for each model year to each governmental entity submitting an order for 3 or more units.
  - 47.2 If a pilot is produced, pay the round trip travel cost for 2 of the ordering entity's personnel (includes transportation, meals, and lodging) to the factory/assembly plant for the purpose of completing the inspection.
  - 47.3 If a pilot is produced, coordinate the pilot process with the ordering entity. The pilot process and subsequent production of units is to be completed within the days ARO offered and awarded.

**\*\*NOTE\*\*** The intent of producing a pilot is to avoid unnecessary expense and delays in the successful production and delivery of acceptable units. Both the contractor and ordering entity are expending significant resources and should view the pilot process as an opportunity to safeguard their investments. While the contractor is not required to offer the production of a pilot for orders of less than 3 units, the State encourages both the contractor and ordering entity to consider use of a pilot process. The cost avoidance associated with discovering and resolving problems early in the process at the manufacturing facility can easily outweigh the travel and coordination costs.

49. **DELIVERY:** All deliveries to the South Carolina Department of Transportation must be made to the Equipment Depot, 1500 Shop Road, Columbia, S.C. 29201.
50. **SERVICE LITERATURE:** Service literature covering the entire unit including engine and transmission shall be provided with each unit in paper format or electronic version accessible without fee based subscription. Literature shall include as one set:
- 49.1 Owner's manual
  - 49.2 Operator's instruction manual covering all necessary operating instructions and maintenance procedures for the unit and engine(s)

- 49.3 Illustrated repair parts manual covering all components of the unit identifying parts by part number, description and component location
- 49.4 Shop overhaul manual
- 49.5 Manufacturer's recommended service and preventive maintenance intervals
- 49.6 Recommended fluids, lubricants and their SAE or API equivalents
- 49.7 Hydraulic schematics
- 49.8 Electrical schematics

The right is reserved to require a bidder to furnish one complete set of service literature to be used for bid evaluation. Service literature which is considered inadequate by the Department's Engineers and/or staff may be cause for the rejection of a bid.

Performance in this contract requires the delivery of two (2) complete sets of service literature concurrently with delivery of the first unit. Where the contract provides for ordering additional units during a period of time, then each of these additional units shall be furnished with one (1) complete set of service literature.

- 51. **LINE SHEET:** Each completed truck shall be delivered with a factory line sheet listing all chassis component codes as installed by the chassis manufacturer. An on-line version may be substituted in lieu of paper copies. SCDOT must pre-approved on-line versions.
- 52. **ACCEPTANCE INSPECTION:** All equipment ordered with this request will be subject to acceptance inspection and performance testing upon receipt. The vendor will be notified of any units not delivered in full compliance with the purchase order specifications.
- 53. **SALES LITERATURE AND SPECIFICATIONS:** Each bidder shall attach to his bid illustrated catalog data sheets with manufacturers complete printed specifications covering the class or type of equipment covered by the bid. This material shall show reasonable evidence of having been printed before publication of the bid notice and shall be sufficiently detailed to permit the Department engineers and/or staff to properly evaluate the bid.
- 54. **GENERAL:** The units shall be of the latest design and in current production. They shall be furnished completely assembled, fully serviced, and ready for immediate operation. The right is reserved to reject any and all abide proposing to furnish equipment which, in the opinion of the Department's engineers or staff, is not satisfactory for the Department's use in the proposed application.
- 55. **TRAINING:** The successful bidder shall furnish training to be conducted by factory authorized trainers in a ratio of one day of training for up to 15 students for each thirty (30) vehicles purchased. This training shall be provided on subjects requested by State Fleet Management and at locations throughout the State. The state will consider other than live, on-site methods of training that the vehicle manufacturer may offer. All training offers are subject to approval by the State Fleet Manager.”

56. **OPTIONAL EQUIPMENT:** The following factory installed options may or may not be ordered. Offers must provide a price for all options or offer as part of the base price. If the option item is “STANDARD” enter “STD” on the line provided for price. All items should have a dollar price or “STD” listed. Offers will not be considered if the price line is left blank.

**ADDS:**

- 56.1 Factory installed PTO mounted on left hand side of transmission, Muncie CS24-A1008-H3KX. May be installed by manufacturer or OEM approved up-fitter
- 55.2 Wet-line kit, dual purpose variable pressure hydraulic pump, minimum 50 gallon capacity tank, for dump trailer and lowboy trailer applications – May be installed by manufacturer or OEM approved up-fitter
- 55.3 Minimum 13,000 lbs. lift steerable pusher axle, air up air down, air brakes, with 275/80R22.5 16 ply tires, extended CA fame to accommodate lift axle
- 55.4 Minimum 44,000 lbs. rear axle with Hendrickson HaulMaxx HMS 4600 suspension
- 55.5 Operator Training
- 55.6 Repair Technician Training

	CC-8T: Cab & Chassis 56,000 GVWR, Tractor Truck (Diesel)	Vendors must complete all blocks highlighted in BLUE. Failure to complete ALL blocks highlighted in BLUE may deem your offer as non-responsive.	
	Vendor Name	Shealy Truck Center	
<b>STANDARD FLEET SPECIFICATIONS</b>	Vendor's Model and Model Number	Western Star 47X	Required Entry
	<b>Base Price</b>	\$131,791.00	Required Entry
<b><u>OPTIONAL EQUIPMENT ADDITIONS:</u></b>			
Note: The descriptions of Adds and Deducts provided on this spreadsheet are not representative of the full description of the Add or Deduct. Full descriptions are contained in the solicitation document which has precedence over this spreadsheet should there be an error on the spreadsheet.	Factory Installed PTO - Left	\$2,500.00	Required Entry
	Wet-Line Kit	\$6,985.00	Required Entry
	13,000 lbs Pusher Axle	\$2,805.00	Required Entry
	44,000 lbs Rear Axle	\$2,298.00	Required Entry
	Operator Training	\$100.00	Required Entry
	Repair Technician Training	\$100.00	Required Entry
<b><u>OPTIONAL EQUIPMENT DEDUCTS:</u></b>			
	None		Required Entry

*NOTE: Use the space below to indicate whether an Add or Deduct requires an additional Add or Deduct. Be Specific. If this section does not apply, leave blank.*

<b><u>DELIVERY INFORMATION</u></b>			
	Distance from Dealership to SFM Delivery Point (In Miles)	5	Required Entry
	Amount of Base Price Allocated to Delivery to SFM	\$50.00	Required Entry
This field will automatically populate from the Delivery Information entered above.	Price Per Mile Contractor May Charge	\$10.00	Required Entry
Enter the days ARO in the BLUE cell	<b>DAYS ARO:</b>	120	Required Entry

Base Price	\$131,791.00
Total of All ADDS	\$14,788.00
25% of all ADDS	\$3,697.00
Total of All DEDUCTS	\$0.00
25% of All DEDUCTS	\$0.00
<b>Evaluated Amount</b>	<b>\$135,488.00</b>